

California Water Rights Information Management System (eWRIMS): Post-1914 Appropriative Water Rights

e-WRIMS Authorized User Main Menu

- [Water Right Creation/Maintenance](#)
- [Complaint Creation/Maintenance](#)
- [Enforcement Creation/Maintenance](#)
- [Fee Structures and Billing](#)
- [FERC Projects](#)
- [GIS System](#)
- [Party Creation/Maintenance](#)
- [Petition Search](#)
- [Routing Slip Search](#)
- [Routing Slip Template Creation/Maintenance](#)
- [Term and Conditions Creation/Maintenance](#)
- [Fee Determination Creation/Maintenance](#)
- [Notice Creation/Maintenance \(New Functionality\)](#)
- [Public Access](#)



Background: The previous water rights information system was outdated with the potential for catastrophic failure. It was also impossible to adapt to changing business needs.

- Aged beyond its support lifetime
- Outdated geographic information system (GIS)
- Inadequate on-line public access
- Incomplete management of Division workflow
- Required manual billing for fees
- Contained five disparate databases



External Stakeholder Input:

1. Ease of use and web accessibility
2. Advanced record search
3. Integrated Geographic Information System (GIS)
4. Current GIS data



New system:

1. Role-based access for staff and public
2. Web-based application
3. Workflow/Performance tracking
4. Comprehensive work function integration
(combines formerly disparate databases)
5. Integrated Geographic Information System (GIS)
6. System supported fee billing functions



Role-based staff and public access:

1. Uses same system architecture
2. Provides staff access to internal processes
3. Allows public access to water right info & GIS
4. Both staff and public can download to Excel



Water right centric database design:

1. Links transactions to a water right
2. Simplifies transfer from party to party
3. Supports fee billing based on water right
4. Enables process workflow monitoring

e-WRIMS Application	
[Back to Search Screen]	
Application ID: A000026	Water Right Type: Appropriative
Permit ID: 000004	Water Rights Status: Licensed (05/08/1961)
License ID: 000036	Primary Owner: JAMES S PHELPS, TRUSTEE
Application Parties Status Uses PODs Permit License Related Rights Petitions Routing Slips Complaints Protests Notices Enforcements Billings Inspections	



California Water Rights Information Management System (eWRIMS)

Robust search engine

1. Water Right type & status
2. Watershed & source
3. Owner & Entity Type
4. Order Date Ranges
5. Diversion & Use Types
6. Water Volume
7. Water right holder reporting status
8. Inspection status & dates

e-WRIMS Advanced Water Right Search	
Enter query criteria below and click "Search".	
Water Right Type: (Ctrl-click to select multiple values)	Appropriative Cert of Right - Power Federal Filings Groundwater Recordatic
Water Right Status: (Ctrl-click to select multiple values)	Active Adjudicated Cancelled Certified
Application ID:	
County: (Ctrl-click to select multiple values)	Alameda Alpine Amador Butte
Primary Owner:	
Entity Type: (Ctrl-click to select multiple values)	Corporation Government - Federal Government - State and Local Individual
Permit Order(s) Date Range (MM/YYYY):	to
License Order(s) Date Range (MM/YYYY):	to
Source (River name or Source Name):	
Watershed:	
Diversion Type:	
Use Type: (Ctrl-click to select multiple values)	Domestic Dust Control Fire Protection Fish and Wildlife Protection and/or Enhancement
Face Value:	>= acre-ft per year
Project Type:	
Done	

California Water Rights Information Management System (eWRIMS)






e-WRIMS Application

[Back to Search Screen](#)

Application ID: A000026 **Water Right Type:** Appropriative
Permit ID: 000004 **Water Rights Status:** Licensed (05/08/1961)
License ID: 000036 **Primary Owner:** JAMES S PHELPS, TRUSTEE

Application Parties Status Uses PODs Permit License Related Rights Petitions Routing Slips Complaints Protests Notices Enforcements Billings Inspections

Enter/modify form data below and click "Update Application" (only appears for DWR authorized users).

Application ID (*):	<input type="text" value="A000026"/>		
Application Rec'd Date:	<input type="text" value="05/14/1915"/> 	Project Type:	<input type="text" value="Major"/> 
Application Acceptance Date:	<input type="text" value="05/14/1915"/> 	Notice Date:	No Notice Date
Protest:	<input type="radio"/> Yes <input checked="" type="radio"/> No	Number of Protests:	0
Agent Name:			
Primary Owner:	JAMES S PHELPS, TRUSTEE	Applicant Entity Type:	Corporation
Water Right Type:	<input type="text" value="Appropriative"/> 		
Face Value Amount (*):	<input type="text" value="0"/>	Face Value Units:	<input type="text" value="Acre-feet per Year"/> 

Water right info shown in tabs



Tracking system
Provides a single
common method of
communicating &
controlling
workflow

e-WRIMS Routing Slip Search

Enter query criteria below and click "Search".

Routing Slip ID:	<input type="text"/>
Water Right ID:	<input type="text"/>
Routing Slip Type:	<input type="text" value="v"/>
Routing Slip Status:	<input type="text" value="v"/>
Supervisor:	<input type="text" value="Steve Herrera"/> <input type="text" value="v"/>
Assigned To:	<input type="text" value="Ken Emanuel"/> <input type="text" value="v"/>
Plan Date Range:	Start Date <input type="text"/> <input type="text" value="v"/> Complete Date <input type="text"/> <input type="text" value="v"/>
Actual Date Range:	Start Date <input type="text"/> <input type="text" value="v"/> Complete Date <input type="text"/> <input type="text" value="v"/>
Past Due Date:	<input type="text"/> <input type="text" value="v"/>
WorkStep Status:	<input type="text" value="v"/>
Route Slip Template Name:	<input type="text"/>
<input type="button" value="Search"/> <input type="button" value="Reset Search"/>	



Complaint Tracking

Provides rapid access
to complaint
information

e-WRIMS Complaint Search

Enter query criteria below and click "Search".			
Complaint Status: (Ctrl-click to select multiple values)	<div>Rejected</div> <div>Pending</div> <div>Inactive</div>		
Complaint Allegations:			
Unauthorized Diversion	<div></div>	Violation of Term	<div></div>
Waste or Unreasonable Use	<div></div>	Impact to Public Trust	<div></div>
Other	<div></div>		
Complainant Name:	<input type="text"/>		
Respondent Name:	<input type="text"/>		
Complaint ID:	<input type="text"/>		
CID Number:	<input type="text"/>		
Source:	<input type="text"/>		
Watershed:	<input type="text"/>		
Complaint County:	<div>Alameda</div> <div>Alpine</div> <div>Amador</div> <div>Butte</div> <div>Calaveras</div> <div>Colusa</div> <div>Contra Costa</div>		
<div>Search</div> <div>Reset Search</div>			



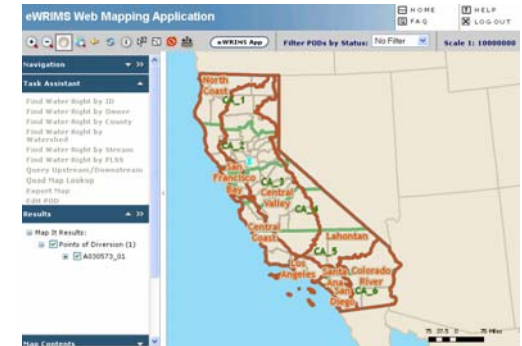
Geographic Information System (GIS)

1. Based on Water Right Point(s) of Diversion
2. Includes USGS hydrographic and other data layers (National Hydrography Dataset source names)
3. Web-based GIS tools for staff and public
4. Allows future GIS data layers



GIS Task Support:

1. Allows staff to precisely plot POD
2. Displays user selected data layers
3. Finds water right by name, number, county, watershed (and subunits), stream, etc.
4. Exports maps to printer/plotter/file
5. Links to eWRIMS for details
6. Performs upstream/downstream queries



California Water Rights Information Management System (eWRIMS)

e-WRIMS Points of Diversion

[\[Back to Search Screen \]](#)

Application ID: A000026

Water Right Type: Appropriative

Permit ID: 000004

Water Rights Status: Licensed (05/08/1961)

License ID: 000036

Primary Owner: JAMES S PHELPS, TRUSTEE

Application Parties Status Uses PODs Permit License Related Rights Petitions Routing Slips Complaints Protests Notices Enforcements Billings Inspections

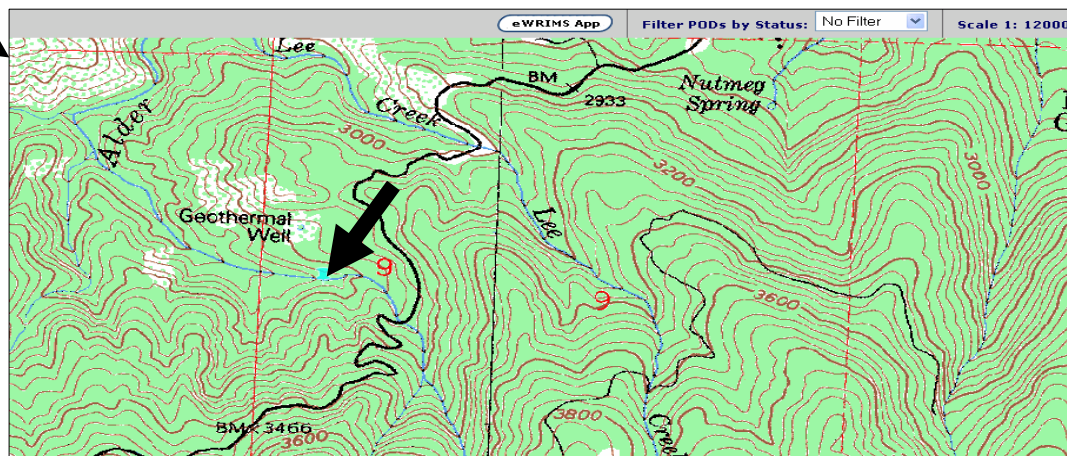
POD Nbr	POD ID	POD Type	POD Status	POD Direct Diversion Amount	POD Direct Diversion Unit	POD Storage Amount	POD Storage Unit	POD Source	POD Tributary	Last Update Date
01	26649	Storage	Active	13500.0	Gallons per Day	0.0		ALDER CREEK		2007-09-04

Create Point of Diversion

Download to Excel

Map It

Map It passes info to GIS for spatial presentation



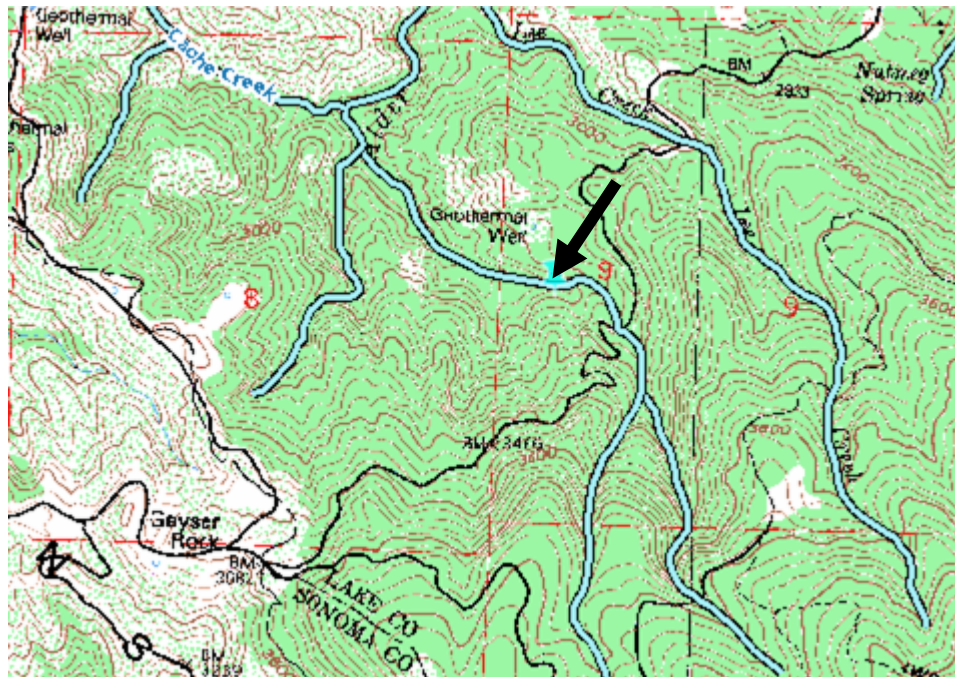
GIS displays available POD location details

✓ A000026_01

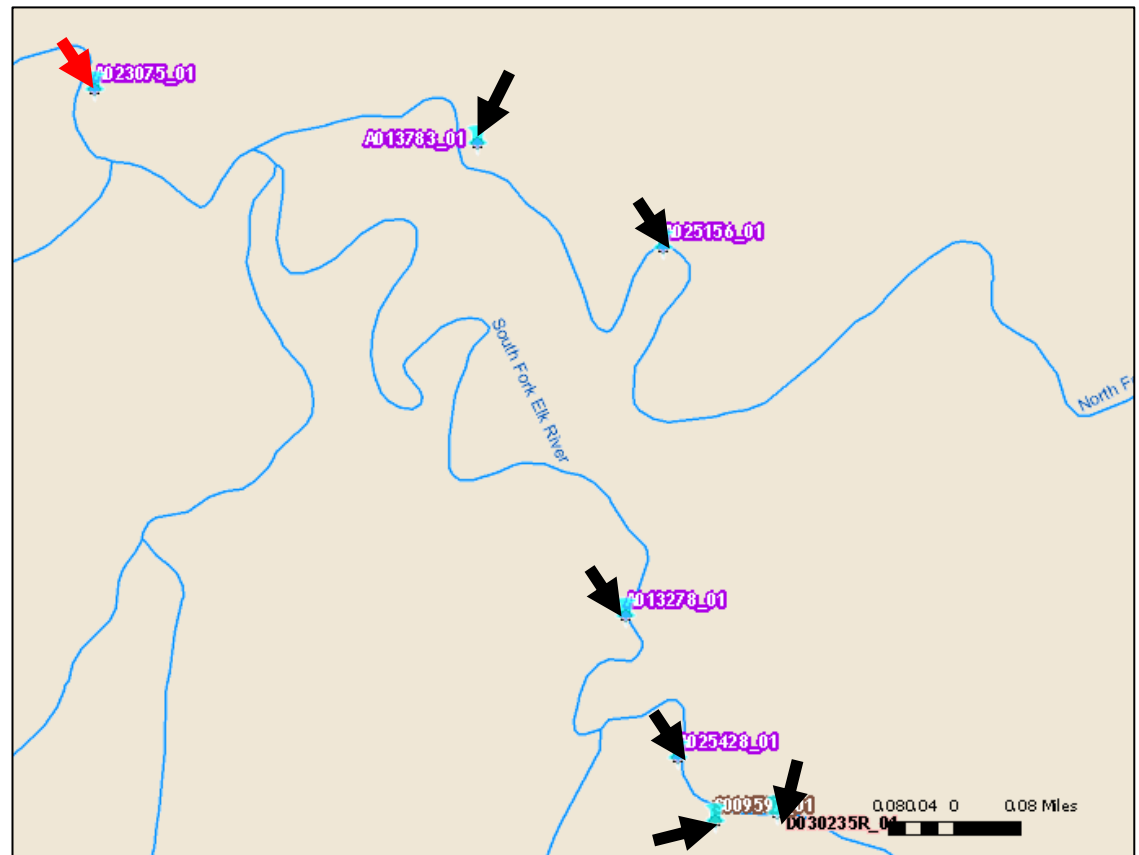
POD_ID	26649
APPL_ID	A000026
APPL_POD	A000026_01
TOWNSHIP_NUMBER	11
TOWNSHIP_DIRECTION	N
RANGE_NUMBER	8
RANGE_DIRECTION	W
SECTION	9
QUARTER	SW
QUARTER_QUARTER	NW
MERIDIAN	Mount Diablo
NORTHING	2061993.20080593
EASTING	6346157.87605211
SP_ZONE	
SECTION_CLASSIFIER	
TRIB_DESC	
Location_Method	Location Derived from State Plane Coordinates
SOURCE_NAME	ALDER CREEK
Has_OPOD	N
WATERSHED	CACHE CREEK
COUNTY	Lake
QUAD_MAP_NAME	THE GEYSERS
QUAD_MAP_NUM	G 041
LAST_UPDATE_DATE	8/24/2007 11:20:55 AM
LAST_UPDATE_USER_ID	99
DIVERSION_STORAGE_AMOUNT	0
DIVERSION_AC_FT	0
PLACE_ID	1016882
DIVERSION_TYPE	Storage
DIVERSION_CODE_TYPE	Diversion point
WATER_RIGHT_TYPE	Appropriative
STATUS	Licensed
STORAGE_TYPE	Diversion point
PRIMARY_OWNER_FIRST_NAME	
PRIMARY_OWNER_LAST_NAME	JAMES S PHELPS, TRUSTEE



Display fully appropriated streams (FAS)



Upstream
query on
POD
(Downstream
query also
available)



Questions?

Further Information:

<http://www.waterboards.ca.gov/ewrims>

Contact Us:

ewrims@waterboards.ca.gov

(916) 341-5300

